

10/002793

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	9183	stor\$4 same ((user same define same data) or user-defined or UDT\$1)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:13
2	BRS	L2	18833	stor\$4 same ((user\$1 same defin\$4 same data) or user-defined or UDT\$1)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:14
3	BRS	L3	4733	L2 same (database\$1 or (data adj base\$1) or db\$1)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:15
4	BRS	L4	0	L3 same copress\$4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:15
5	BRS	L5	87	L3 same compress\$4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:24
6	BRS	L6	47	L5 and algorithm\$4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:25
7	BRS	L7	42	L6 and (@rlad<=20011115 or @ad<=20011115)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:25
8	BRS	L8	857	L3 and compress\$4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:25
9	BRS	L9	498	L8 and algorithm\$4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:36

	Type	L #	Hits	Search Text	DBs	Time Stamp
10	BRS	L10	448	L9 and (@rlad<=20011115 or @ad<=20011115)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:25
11	BRS	L11	139	L10 and 707/.ccls.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:36
12	BRS	L12	77	L11 and efficienc\$4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:26
13	BRS	L13	157	L10 and (algorithm\$4 same compress\$5)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:36
14	BRS	L14	139	L11 and 707/.ccls.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/02/18 16:36

	Document ID	Issue Date	Title	Current OR	Current XRef	Retrieval Classif	Inventor
1	US 20030135478 A1	20030717	Method and system for online reorganization of databases	707/1		707/1	Marshall, Brian J. et al.
2	US 20030126151 A1	20030703	Methods, apparatus and data structures for providing a uniform representation of various types of information	707/100		707/100	Jung, Edward K.
3	US 20030105746 A1	20030605	Query resolution system and service	707/3		707/3	Stickler, Patrick
4	US 20030105732 A1	20030605	Database schema for structure query language (SQL) server	707/1		707/1	Kagalwala, Raxit A. et al.
5	US 20030097365 A1	20030522	Method and apparatus for content repository with versioning and data modeling	707/100		707/100	Stickler, Patrick
6	US 20030093434 A1	20030515	Archive system and data maintenance method	707/103R		707/103R	Stickler, Patrick
7	US 20030088715 A1	20030508	System for keyword based searching over relational databases	719/330	707/3	707/3	Chaudhuri, Surajit et al.
8	US 20030088593 A1	20030508	Method and apparatus for generating a directory structure	707/205		707/205	Stickler, Patrick
9	US 20030088573 A1	20030508	Method and apparatus for information delivery with archive containing metadata in predetermined language and semantics	707/100		707/100	Stickler, Patrick
10	US 20030078915 A1	20030424	Generalized keyword matching for keyword based searching over relational databases	707/3		707/3	chaudhuri, Surajit et al.
11	US 20030074348 A1	20030417	Partitioned database system	707/2		707/2	Sinclair, Paul L. et al.
12	US 20030061212 A1	20030327	Method and apparatus for analyzing manufacturing data	707/6		707/6	Smith, Shawn B. et al.
13	US 20030046260 A1	20030306	Method and system for asynchronous transmission, backup, distribution of data and file sharing	707/1		707/1	Satyanarayanan, Mahadev et al.
14	US 20030023591 A1	20030130	Systems and methods for discovering mutual dependence patterns	707/6		707/6	Ma, Sheng et al.
15	US 20030018616 A1	20030123	Systems, methods and computer program products for integrating databases to create an ontology network	707/2	702/19	707/2	Wilbanks, John Thompson et al.
16	US 20030014421 A1	20030116	METHODS, APPARATUS AND DATA STRUCTURES FOR PROVIDING A UNIFORM REPRESENTATION OF VARIOUS TYPES OF INFORMATION	707/102		707/102	JUNG, EDWARD K.
17	US 20020198891 A1	20021226	Methods and apparatus for constructing and implementing a universal extension module for processing objects in a database	707/102		707/102	Li, Chung-Sheng et al.
18	US 20020194201 A1	20021219	Systems, methods and computer program products for integrating biological/chemical databases to create an ontology network	707/104.1		707/104.1	Wilbanks, John Thompson et al.
19	US 20020194154 A1	20021219	Systems, methods and computer program products for integrating biological/chemical databases using aliases	707/1		707/1	Levy, Joshua Lerner et al.
20	US 20020188614 A1	20021212	Software-based methodology for the storage and retrieval of diverse information	707/100		707/100	King, Kevin D.

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21	US 20020107877 A1	20020808	SYSTEM FOR BACKING UP FILES FROM DISK VOLUMES ON MULTIPLE NODES OF A COMPUTER NETWORK	707/204	711/162	707/204	WHITING, DOUGLAS L. et al.
22	US 20020095454 A1	20020718	Communications system	709/201	707/10; 707/203; 707/204; 709/212; 709/228; 709/242; 709/244	707/10; 707/203; 707/204	Reed, Drummond Shattuck et al.
23	US 20020091975 A1	20020711	Data security system and method for separation of user communities	714/699	707/104.1	707/104.1	Redlich, Ron M. et al.
24	US 20020091702 A1	20020711	Dynamic object-driven database manipulation and mapping system	707/100		707/100	Mullins, Ward
25	US 20020087530 A1	20020704	System and method for publishing, updating, navigating, and searching documents containing digital video data	707/3		707/3	Smith, Eric James Markson et al.
26	US 20020083034 A1	20020627	Method and apparatus for extracting data objects and locating them in virtual space	707/1		707/1	Orbanes, Julian et al.
27	US 20020073107 A1	20020613	Method and apparatus for a commercial network system designed to facilitate, manage and support the implementation and integration of technology systems	707/200		707/200	Burton, Tom C. et al.
28	US 20020059370 A1	20020516	Method and apparatus for delivering content via information retrieval devices	709/203	707/104.1; 707/4	707/104.1; 707/4	Shuster, Gary Stephen
29	US 20020035559 A1	20020321	System and method for a decision engine and architecture for providing high-performance data querying operations	707/2	707/201	707/2; 707/201	Crowe, William L. et al.
30	US 20010044798 A1	20011122	Information storage and retrieval system for storing and retrieving the visual form of information from an application in a database	707/102	358/1.13	707/102	Nagral, Ajit S. et al.
31	US 20010023414 A1	20010920	Interactive calculation and presentation of financial data results through a single interface on a data-packet-network	705/35	340/825.26; 707/4; 708/170	707/4	Kumar, Srihari et al.
32	US 20010013033 A1	20010809	Method and apparatus for a commercial network system designed to facilitate, manage and support the implementation and integration of technology systems	707/1		707/1	Burton, Tom C. et al.
33	US 20010000536 A1	20010426	Value-instance-connectivity computer-implemented database	707/102		707/102	Tarin, Stephen A.
34	US 6684219 B1	20040127	Method and apparatus for building and maintaining an object-oriented geospatial database	707/103R	707/102	707/102; 707/103R	Shaw, Kevin B. et al.
35	US 6665676 B2	20031216	Method and system for presenting on-line "Yellow Pages" particularly in association with location data	707/10	707/200; 709/203	707/10; 707/200	Twig, Ilan et al.
36	US 6662198 B2	20031209	Method and system for asynchronous transmission, backup, distribution of data and file sharing	707/204		707/204	Satyanarayanan, Mahadev et al.
37	US 6651072 B1	20031118	Method and apparatus for providing shared data to a requesting client		707/10; 707/3; 707/4; 707/9	707/10; 707/3; 707/4; 707/9	Carino, Jr., Felipe et al.

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38	US 6643648 B1	20031104	Secure, limited-access database system and method	707/9	707/10; 718/101	707/10; 707/9	Ross, David Justin et al.
39	US 6643640 B1	20031104	Method for performing a data query	707/3	707/1	707/1; 707/3	Getchius, Jeffrey et al.
40	US 6633878 B1	20031014	Initializing an ecommerce database framework	707/100	707/1; 707/102; 707/205	707/1; 707/100; 707/102; 707/205	Underwood, Roy Aaron
41	US 6629097 B1	20030930	Displaying implicit associations among items in loosely-structured data sets	707/5	345/848; 707/2	707/2; 707/5	Keith, Douglas K.
42	US 6609128 B1	20030819	Codes table framework design in an E-commerce architecture	707/10	707/200	707/10; 707/200	Underwood, Roy Aaron
43	US 6606638 B1	20030812	Value-instance-connectivity computer-implemented database	707/200	707/10; 707/102; 707/103R; 707/2; 709/203	707/10; 707/102; 707/103R; 707/2; 707/200	Tarin, Stephen A.
44	US 6606613 B1	20030812	Methods and apparatus for using task models to help computer users complete tasks	706/21	707/3; 707/6	707/3; 707/6	Altschuler, Steven J. et al.
45	US 6591269 B1	20030708	Database system with methodology for online index rebuild	707/100		707/100	Ponnekanti, Nagavamsi
46	US 6578056 B1	20030610	Efficient data transfer mechanism for synchronization of multi-media databases	715/500.1	707/7	707/7	Lamburt, Leonid
47	US 6578044 B1	20030610	Method and system for typesafe attribute matching		341/55; 707/101	707/101	Scheifler, Robert W. et al.
48	US 6574655 B1	20030603	Associative management of multimedia assets and associated resources using multi-domain agent-based communication between heterogeneous peers	709/200	707/10; 707/104.1; 709/201; 709/202	707/10; 707/104.1	Libert, Scott A. et al.
49	US 6574314 B1	20030603	Method for entering transaction data into data bases using transaction entry device	379/93.17	707/102; 709/201	707/102	Martino, Rocco L.
50	US 6556659 B1	20030429	Service level management in a hybrid network architecture	379/9.04	370/252; 370/353; 379/1.01; 379/14.01; 379/15.01; 379/32.01; 707/10; 709/224; 709/250	707/10	Bowman-Amuah, Michel K.
51	US 6539374 B2	20030325	Methods, apparatus and data structures for providing a uniform representation of various types of information	707/4	707/104.1	707/104.1; 707/4	Jung, Edward K.
52	US 6532476 B1	20030311	Software based methodology for the storage and retrieval of diverse information	707/104.1	707/101; 707/2; 707/205	707/101; 707/104.1; 707/2; 707/205	King, Kevin D.
53	US 6523027 B1	20030218	Interfacing servers in a Java based e-commerce architecture	707/4	707/10; 707/100	707/10; 707/100; 707/4	Underwood, Roy Aaron
54	US 6519601 B1	20030211	Relational database compiled/stored on a memory structure providing improved access through use of redundant representation of data	707/100	705/2; 707/102; 707/2; 707/203; 707/3	707/100; 707/102; 707/2; 707/203; 707/3	Bosch, Bart Van Den
55	US 6519592 B1	20030211	Method for using data from a data query cache	707/6	707/3; 707/5	707/3; 707/5; 707/6	Getchius, Jeffrey et al.
56	US 6516337 B1	20030204	Sending to a central indexing site meta data or signatures from objects on a computer network	709/202	707/104.1; 709/217; 709/223	707/104.1	Tripp, Gary W. et al.

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57	US 6516324 B1	20030204	Web-based report functionality and layout for diagnostic imaging decision support	707/104.1	707/10; 707/102	707/10; 707/102; 707/104.1	Jones, Jeffrey R. et al.
58	US 6502102 B1	20021231	System, method and article of manufacture for a table-driven automated scripting architecture	707/102		707/102	Haswell, John Jeffrey et al.
59	US 6496843 B1	20021217	Generic object for rapid integration of data changes	715/526	707/2; 715/513	707/2	Getchius, Jeffrey et al.
60	US 6493721 B1	20021210	Techniques for performing incremental data updates	707/104.1	707/100	707/100; 707/104.1	Getchius, Jeffrey et al.
61	US 6490578 B1	20021203	Database system with methodology for high-performance date	707/3		707/3	Burkhard, Neil A.
62	US 6487457 B1	20021126	Database for a remotely accessible building information system	700/17	345/734; 345/804; 700/275; 700/28; 700/83; 700/86; 707/104.1	707/104.1	Hull, Julie Jean et al.
63	US 6484161 B1	20021119	Method and system for performing online data queries in a distributed computer system	707/3	707/10; 707/2; 707/4	707/10; 707/2; 707/3; 707/4	Chipalkatti, Renu et al.
64	US 6480863 B1	20021112	Method and system for multi-entry and multi-template matching in a database	707/103R	707/10; 719/313; 719/330	707/10; 707/103R	Scheifler, Robert W. et al.
65	US 6446092 B1	20020903	Independent distributed database system	707/203		707/203	Sutter, Herbert P.
66	US 6446089 B1	20020903	Method of using a cache to determine the visibility to a remote database client of a plurality of database transactions	707/201	707/10; 707/101; 707/6; 709/226; 709/231	707/10; 707/101; 707/201; 707/6	Brodersen, Robert S. et al.
67	US 6442547 B1	20020827	System, method and article of manufacture for information service management in a hybrid communication system	707/10	709/224; 709/225; 709/229	707/10	Bowman-Amuah, Michel K.
68	US 6438741 B1	20020820	System and method for eliminating compile time explosion in a top down rule based system using selective sampling	707/2		707/2	Al-omari, Awny K. et al.
69	US 6434558 B1	20020813	Data lineage data type	707/6	707/101	707/101; 707/6	MacLeod, Stewart P. et al.
70	US 6421683 B1	20020716	Method and product for performing data transfer in a computer system	707/104.1	710/33	707/104.1	Lamburt, Leonid
71	US 6408294 B1	20020618	Common term optimization	707/5	707/4	707/4; 707/5	Getchius, Jeffrey et al.
72	US 6397228 B1	20020528	Data enhancement techniques	707/203	200/201	707/203	Lamburt, Leonid et al.
73	US 6393415 B1	20020521	Adaptive partitioning techniques in performing query requests and request routing	707/2	707/3	707/2; 707/3	Getchius, Jeffrey et al.
74	US 6374241 B1	20020416	Data merging techniques	707/6	707/1; 707/3; 707/5	707/1; 707/3; 707/5; 707/6	Lamburt, Leonid et al.
75	US 6345288 B1	20020205	Computer-based communication system and method using metadata defining a control-structure	709/201	707/1; 707/10; 707/102; 707/104.1; 709/200; 709/203; 709/212; 709/216; 709/227; 709/229	707/1; 707/10; 707/102; 707/104.1	Reed, Drummond Shattuck et al.
76	US 6332146 B1	20011218	Method and apparatus for storing and printing digital images	707/104.1	345/428; 705/26; 705/27; 707/10; 707/102; 707/3	707/10; 707/102; 707/104.1; 707/3	Jebens, John H. et al.

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77	US 6330572 B1	20011211	Hierarchical data storage management	707/205	707/100; 707/104.1; 707/203; 707/204	707/100; 707/104.1; 707/203; 707/204; 707/205	Sitka, Larry
78	US 6321231 B1	20011120	Data management and order delivery system	707/104.1	345/428; 355/40; 355/70; 396/639; 707/10; 707/102	707/10; 707/102; 707/104.1	Jebens, John H. et al.
79	US 6301609 B1	20011009	Assignable associate priorities for user-definable instant messaging buddy groups	709/207	707/1; 709/202; 709/204; 709/206	707/1	Aravamudan, Murali et al.
80	US 6260044 B1	20010710	Information storage and retrieval system for storing and retrieving the visual form of information from an application in a database	707/102	358/1.13	707/102	Nagrall, Ajit S. et al.
81	US 6253206 B1	20010626	Method and apparatus for a commercial network system designed to facilitate, manage and support the implementation and integration of technology systems	707/103R		707/103R	Burton, Tom C. et al.
82	US 6236985 B1	20010522	System and method for searching databases with applications such as peer groups, collaborative filtering, and e-commerce	707/2	705/37; 707/6	707/2; 707/6	Aggarwal, Charu Chandra et al.
83	US 6205441 B1	20010320	System and method for reducing compile time in a top down rule based system using rule heuristics based upon the predicted resulting data flow	707/2	707/3; 707/4; 707/5; 707/7	707/2; 707/3; 707/4; 707/5; 707/7	Al-omari, Awny K. et al.
84	US 6202070 B1	20010313	Computer manufacturing system architecture with enhanced software distribution functions	707/104.1	707/10	707/10; 707/104.1	Nguyen, Chau-Lang N. et al.
85	US 6185567 B1	20010206	Authenticated access to internet based research and data services	707/10	705/26; 707/100; 707/5; 707/8; 709/203	707/10; 707/100; 707/5; 707/8	Ratnaraj, Paul J. et al.
86	US 6182121 B1	20010130	Method and apparatus for a physical storage architecture having an improved information storage and retrieval system for a shared file environment	709/215	707/1; 707/10; 707/3; 707/4; 707/8; 711/153; 711/173	707/1; 707/10; 707/3; 707/4; 707/8	Wlaschin, Scott
87	US 6182083 B1	20010130	Method and system for multi-entry and multi-template matching in a database	707/103R	707/1	707/1; 707/103R	Scheifler, Robert W. et al.
88	US 6151598 A	20001121	Digital dictionary with a communication system for the creating, updating, editing, storing, maintaining, referencing, and managing the digital dictionary	707/3	707/100; 712/1; 712/200; 715/532	707/100; 707/3	Shaw, Venson M. et al.
89	US 6144375 A	20001107	Multi-perspective viewer for content-based interactivity	715/500.1	345/420; 707/104.1	707/104.1	Jain, Ramesh C. et al.
90	US 6115713 A	20000905	Networked facilities management system	707/10	709/201; 709/238; 714/1; 714/37	707/10	Pascucci, Gregory A. et al.
91	US 6112211 A	20000829	Reconfiguration an aggregate file including delete-file space for optimal compression	707/205	707/101; 711/171	707/101; 707/205	Bradshaw, Paul Lawrence et al.
92	US 6094659 A	20000725	Web server for use in a LAN modem	707/104.1	379/93.14; 707/10	707/10; 707/104.1	Bhatia, Rajiv

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93	US 6088717 A	20000711	Computer-based communication system and method using metadata defining a control-structure	709/201	707/10; 707/104.1; 707/203; 707/204; 709/212; 709/227; 709/229; 709/242; 709/244	707/10; 707/104.1; 707/203; 707/204	Reed, Drummond Shattuck et al.
94	US 6085223 A	20000704	Method and apparatus for providing database information to non-requesting clients	709/203	707/10; 709/217	707/10	Carino, Jr., Felipe et al.
95	US 6078925 A	20000620	Computer program product for database relational extenders	707/103R	707/2; 707/3	707/103R; 707/2; 707/3	Anderson, Matthew Paul et al.
96	US 6070160 A	20000530	Non-linear database set searching apparatus and method	707/4	382/149; 705/1; 707/3; 707/5	707/3; 707/4; 707/5	Geary, Wade S.
97	US 6065007 A	20000516	Computer method, apparatus and programmed medium for approximating large databases and improving search efficiency	707/7	382/168; 707/101	707/101; 707/7	Muthukrishnan, Shanmugavelayut et al.
98	US 6047291 A	20000404	Relational database extenders for handling complex data types	707/103R	707/2; 707/4	707/103R; 707/2; 707/4	Anderson, Matthew Paul et al.
99	US 6044205 A	20000328	Communications system for transferring information between memories according to processes transferred with the information	709/201	707/1; 707/10; 707/102; 707/104.1; 709/200; 709/203; 709/212; 709/216; 709/229	707/1; 707/10; 707/102; 707/104.1	Reed, Drummond Shattuck et al.
100	US 6009432 A	19991228	Value-instance-connectivity computer-implemented database	707/10	707/100; 707/102; 707/2; 707/3; 707/4	707/10; 707/100; 707/102; 707/2; 707/3; 707/4	Tarin, Stephen A.
101	US 5956716 A	19990921	System and method for delivery of video data over a computer network	707/10	707/104.1; 709/217; 725/143	707/10; 707/104.1	Kenner, Brian et al.
102	US 5930786 A	19990727	Method and apparatus for providing shared data to a requesting client	707/4	705/75; 707/10; 707/100; 707/101; 707/102; 709/217; 709/227; 713/167	707/10; 707/100; 707/101; 707/102; 707/102; 707/4	Carino, Jr., Felipe et al.
103	US 5924094 A	19990713	Independent distributed database system	707/10	707/1; 707/101; 707/102; 707/2; 707/201; 707/3; 707/4; 707/5; 707/8; 707/9	707/1; 707/10; 707/101; 707/102; 707/2; 707/201; 707/3; 707/4; 707/5; 707/8; 707/9	Sutter, Herbert P.
104	US 5924077 A	19990713	Computer based system for monitoring and processing data collected at the point of sale of goods and services	705/10	705/21; 705/7; 707/101	707/101	Beach, David et al.
105	US 5920857 A	19990706	Efficient optimistic concurrency control and lazy queries for B-trees and other database structures	707/3	707/2; 707/8; 709/203; 709/213	707/2; 707/3; 707/8	Rishe, Naphtali David et al.
106	US 5918225 A	19990629	SQL-based database system with improved indexing methodology	707/3	707/1; 707/10; 707/101; 707/4	707/1; 707/10; 707/101; 707/3; 707/4	White, Peter W. et al.

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107	US 5915250 A	19990622	Threshold-based comparison	707/100	707/104.1; 707/3; 707/5	707/100; 707/104.1; 707/3; 707/5	Jain, Ramesh et al.
108	US 5913205 A	19990615	Query optimization for visual information retrieval system	707/2	382/305; 707/104.1	707/104.1; 707/2	Jain, Ramesh et al.
109	US 5911139 A	19990608	Visual image database search engine which allows for different schema	707/3	707/102; 707/104.1	707/102; 707/104.1; 707/3	Jain, Ramesh et al.
110	US 5893095 A	19990406	Similarity engine for content-based retrieval of images	707/6	382/141; 382/305; 707/3; 707/4	707/3; 707/4; 707/6	Jain, Ramesh et al.
111	US 5867821 A	19990202	Method and apparatus for electronically accessing and distributing personal health care information and services in hospitals and homes	705/2	345/970.1; 705/3; 707/10; 709/203; 709/217	707/10	Ballantyne, Douglas J. et al.
112	US 5864841 A	19990126	System and method for query optimization using quantile values of a large unordered data set	707/2	707/1; 707/3; 707/4	707/1; 707/2; 707/3; 707/4	Agrawal, Rakesh et al.
113	US 5862325 A	19990119	Computer-based communication system and method using metadata defining a control structure	709/201	704/270.1; 707/10; 707/203; 707/204; 709/212; 709/228; 709/242; 709/244	707/10; 707/203; 707/204	Reed, Drummond Shattuck et al.
114	US 5852819 A	19981222	Flexible, modular electronic element patterning method and apparatus for compiling, processing, transmitting, and reporting data and information	707/1	707/101	707/1; 707/101	Beller, Stephen E.
115	US 5842196 A	19981124	Database system with improved methods for updating records	707/2	707/1; 707/10; 707/100; 707/102; 707/4	707/1; 707/10; 707/100; 707/102; 707/2; 707/4	Agarwal, Sunil et al.
116	US 5832484 A	19981103	Database system with methods for parallel lock management	707/8	707/9; 718/103; 718/107	707/8; 707/9	Sankaran, Mohan et al.
117	US 5826259 A	19981020	Easily expandable data processing system and method	707/4	707/1	707/1; 707/4	Doktor, Karol
118	US 5809497 A	19980915	Databank system with methods for efficiently storing non uniforms data records	707/2		707/2	Freund, Gregor P. et al.
119	US 5809299 A	19980915	Method of and apparatus for reduction of bandwidth requirements in the provision of electronic information and transaction services through communication networks	707/10	705/26; 705/27; 707/201; 707/202; 707/7; 709/208; 709/244	707/10; 707/201; 707/202; 707/7	Cloutier, Jean-Francois et al.
120	US 5799310 A	19980825	Relational database extenders for handling complex data types	707/102	707/2	707/102; 707/2	Anderson, Matthew Paul et al.
121	US 5794229 A	19980811	Database system with methodology for storing a database table by vertically partitioning all columns of the table	707/2	705/35; 707/10; 707/205; 707/3; 711/100; 711/171	707/10; 707/2; 707/205; 707/3	French, Clark et al.
122	US 5794228 A	19980811	Database system with buffer manager providing per page native data compression and decompression	707/2	341/50; 707/101; 707/205; 711/100; 711/171	707/101; 707/2; 707/205	French, Clark et al.
123	US 5781773 A	19980714	Method for transforming and storing data for search and display and a searching system utilized therewith	707/100	707/102	707/100; 707/102	Vanderpool, Thomas R. et al.

	Document ID	Issue Date	Title	Current OR	Current XRef	Retrieval Classif	Inventor
124	US 5778395 A	19980707	System for backing up files from disk volumes on multiple nodes of a computer network	707/204	707/10	707/10; 707/204	Whiting, Douglas L. et al.
125	US 5754841 A	19980519	Method and apparatus for parallel execution of user-defined functions in an object-relational database management system	707/3	710/62; 717/120; 719/328	707/3	Carino, Jr., Felipe
126	US 5713014 A	19980127	Multi-model database management system engine for database having complex data models	707/4	707/102	707/102; 707/4	Durflinger, Kevin et al.
127	US 5675779 A	19971007	Data processing system and method for maintaining cardinality in a relational database	707/4	428/1.2; 707/3	707/3; 707/4	Doktor, Karol
128	US 5652882 A	19970729	Data processing system and method for detecting mandatory relations violation in a relational database	707/201		707/201	Doktor, Karol
129	US 5649196 A	19970715	System and method for distributed storage management on networked computer systems using binary object identifiers	707/204	707/202; 707/9; 711/173; 714/1; 714/41; 714/48; 714/6	707/202; 707/204; 707/9	Woodhill, James R. et al.
130	US 5644763 A	19970701	Database system with improved methods for B-tree maintenance	707/101	715/533	707/101	Roy, Shaibal
131	US 5617567 A	19970401	Data processing system and method for retrieving and entity specified in a search path record from a relational database	707/2		707/2	Doktor, Karol
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133	US 5604899 A	19970218	Data relationships processor with unlimited expansion capability	707/3		707/3	Doktor, Karol
134	US 5555407 A	19960910	Method of and apparatus for reduction of bandwidth requirements in the provision of electronic information and transaction services through communication networks	707/104.1		707/104.1	Cloutier, Jean-Francois et al.
135	US 5511188 A	19960423	Networked facilities management system with time stamp comparison for data base updates	707/203	707/104.1	707/104.1; 707/203	Pascucci, Gregory A. et al.
136	US 5481704 A	19960102	Indexing/compression scheme for supporting graphics and data selection	707/5	707/101	707/101; 707/5	Pellicano, Russell A.
137	US 5403639 A	19950404	File server having snapshot application data groups	707/204	707/205; 711/113; 711/114	707/204; 707/205	Belsan, Jay S. et al.
138	US 5301315 A	19940405	Indexing/compression scheme for supporting graphics and data selection	707/4		707/4	Pellicano, Russell A.
139	US 4918588 A	19900417	Office automation system with integrated image management	707/10	707/104.1	707/10; 707/104.1	Barrett, Richard M. et al.

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